

## PROCESSING COPY

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

COUNTRY Czechoslovakia

REPORT

25X1

SUBJECT Installations in Hronov, Nachod, and  
Karlovy Vary

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25X1

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information on industrial installations in Hronov (N 50-29, E 16-11), Nachod (N 50-25, E 16-10), and Karlovy Vary. Attachment A concerns the TOS Hronov plant at Hronov. Attachment B consists of a sketch with legend, showing the location of the TOS plant and of textile mills in Hronov. Attachment C concerns the Rubena rubber-processing enterprise, the MEZ Nachod plant, the Tepna textile mills, and a thermal electric power plant in Nachod. Attachment D consists of a sketch, with legend, showing the location of the enterprises described in Attachment C and of various other installations in Nachod. Attachment E consists of a sketch showing the location of military installations, police headquarters, a radio jamming center, and a thermal electric power station in Karlovy Vary.

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S E C R E T

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STATE	X ARMY	X NAVY	X AIR	X FBI	AEC						
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(Note: Washington distribution indicated by "X"; Field distribution by "#")

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Attachment No. **D***Targets at*~~On the map of~~ Nachod (Sheet 51-52 of T.C.L. -26 L)Legend

- 1 - military district
- 2 - anti-aircraft shelter
- 3 - anti-aircraft shelter
- 4 - ~~motor~~ motor vehicle repair shop
- 5 - rubber-processing factory
- 6, 6a
- 6b "MEZ" Factories
- 6c
- 7
- 7a
- 7b "TEPNA" Textile Mills
- 7c
- 8 - Thermal electric power station
- 9 - main railroad station, with freight yard
- 10
- 10a
- 10b - civilian hospital
- 10c
- 11 - Fire station
- 12- Municipal ~~university~~ college (Institute of Commercial Technology)
- 13 - Secondary vocational school
- 14 - civil airport
- 15 - radio beacon station
- 16 - ruins of a castle
- 17 - town hall
- 18 - Lido-Rio Moving-Picture Theater
- 19 - Postal<sup>al</sup> and Telegraph Office
- 20 - Provincial Office

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- 21 - Nachod II railroad station  
22 - stadium under construction  
23 - headquarters of the S.N.B. police  
24 - Party Secretariat

q uartiere - quarter, section

bunker in costruzione - bunker under construction

chiesa - church

Piazza Rivoluzione Socialiste - Square of the Socialist Revolution

Aeroporto civile - civil airport

ruine castello - ruins of a castle

F. - River

Via - Street

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- 2 -

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Attachment No. 73  
(top half)

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Location

Targets in Hronov

N

Hronov

Legend

A - "TOS" Factory

B - Foundry of the "TOS" Factory

C - Textile Mill

D - Textile Mill

RR station

Detail of Target A

Unused

Dining  
hall

Kitchen

Workshop

Legend

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Workshop Office

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1 - Various offices and workshops

1a - Brick chimney

2 - Repository

3 - Transformer house

4 - Administration & various workshops

5 - Heating plant

6 - Dining hall, workshop, etc.

7 - Gate house and Guardhouse

8 - Bridge crane

9 - Railroad spur

A - Main entrance

B - Railroad entrance

C - Motor entrance



Area available for storage  
Overhead crane

Overhead crane

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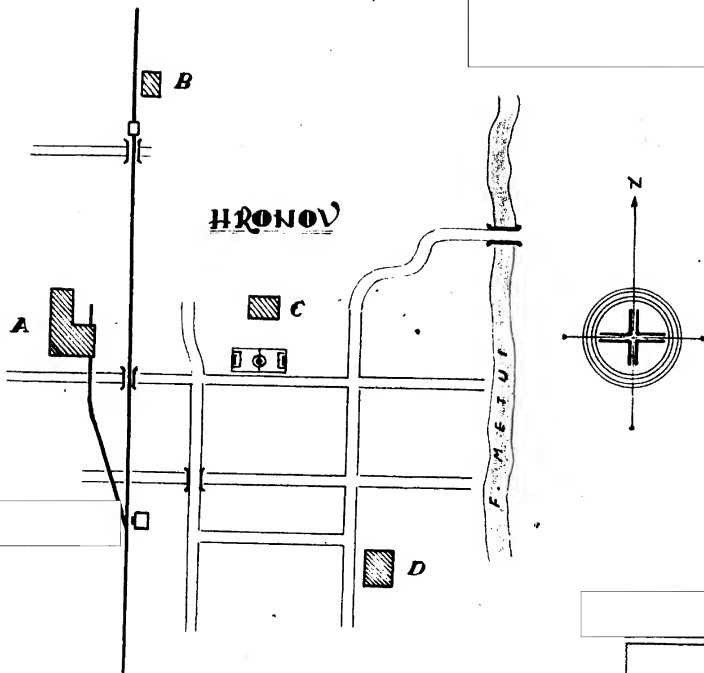
(Lower half of Sketch No.1)

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Not to scale

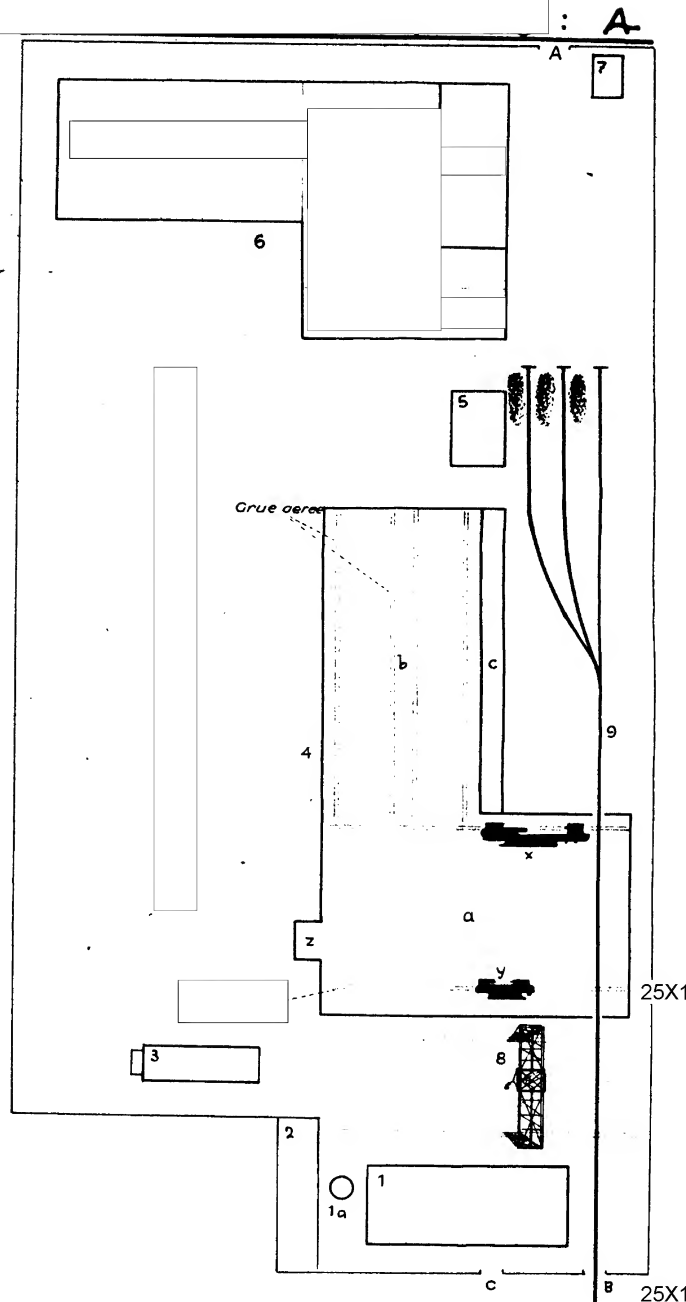
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~~SECRET~~Attachment No. **E**

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*Targets at*~~at Karlovy Vary~~ Karlovy Vary (Sheet 51-52 of T.C.I. - 18 - 1)Legend

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1. Headquarters of an unidentified Division
2. Military district
3. ~~Headquarters~~ Barracks of an unidentified infantry unit
4. Barracks of an unidentified motor vehicle unit
5. ~~Thermal~~ Thermal electric power station
6. Main railroad station
7. Secondary railroad station
8. Radio jamming center
9. Dispensary
10. Gas ~~storage~~ *storage* installation
11. Headquarters of the Secret Police (S.T.B.)

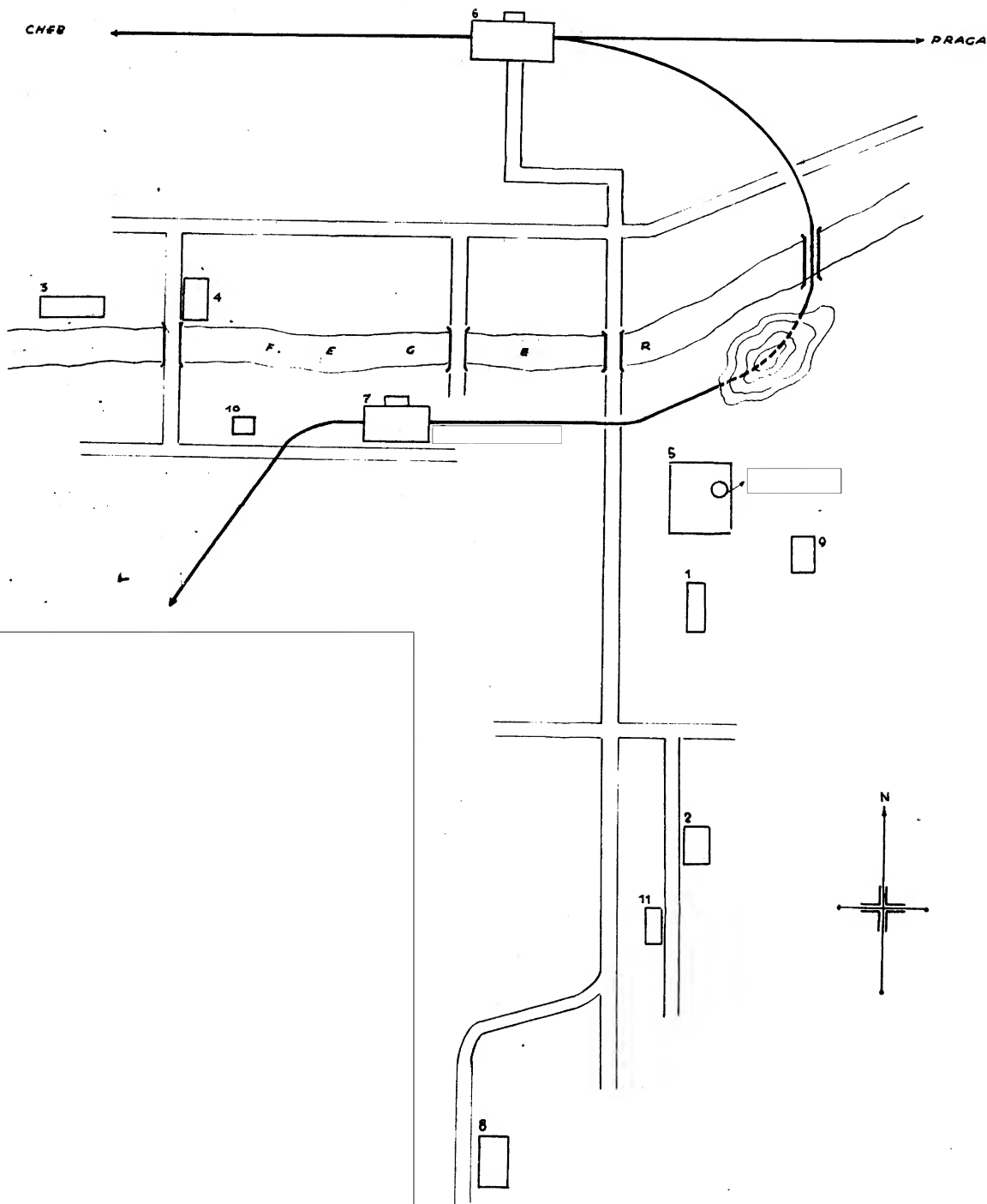
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5. Rubber-Processing Enterprise at Nachod

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Location: near the southern boundary of the city, on the east side of Cesko Skalika Street.

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Name: "RUBENA".

General: The enterprise consists of a few civilian dwellings which were requisitioned and converted by the Germans during the war, and also of other buildings built ~~since~~ since World War II.

During the war, ~~the enterprise processed~~ the enterprise processed synthetic rubber and produced synthetic-rubber goods.

Dimensions of the area occupied: 200 x 60-70 meters.

The enterprise is surrounded by civilian dwellings.

Number of blue- and white-collar workers: about 1,000 altogether, most of them Communist activists.

Shifts: two for sure; it is possible that there is also a third shift in some shops.

Production: tires for motor vehicles, motorcycles, and bicycles; inner tubes for the above-mentioned tires; envelopes for the protection of aircraft fuel tanks; and miscellaneous rubber articles for various industries

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Description of the complex

(NOTE: The letters which precede the descriptions of the individual buildings correspond to those used in the sketch below.)

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CESKOKALIKA STREET

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- concrete*
- a. 4-story building, ~~made of cement block~~, with flat ~~hatched~~ roof *with skylights*.
  - b. Building with the same constructional features as the foregoing, but much smaller
  - c. Brick chimney
  - d. 2-story building, ~~hatched~~ L-shaped. Cement-block construction, with flat roof
  - e-f. Civilian dwelling houses, 3 stories high. The factory physician and a few white-collar workers live there.

Enclosure:

~~Building~~ formed by the outer walls of the buildings. The open spaces are ~~are~~ enclosed by a wall about 2 meters high.

6. Factory for Electric Motors and Electrical Equipment

General: The factory consists of three subsidiaries of "MEZ", i.e., Motorní elektrický zavod, Electric Motor Factory, an enterprise of national importance with a General Directorate in Prague (?). It has subsidiaries in several places in Czechoslovakia.

The three subsidiaries in question are located in various parts of the city. On Sketch No. 2 they are identified by numbers 6, 6a, and 6b.

The management, which superintends the activity of all three subsidiaries, is located in the complex identified as No. 6.

<sup>the</sup> Description: Subsidiary identified as No. 6 consists of one 2-story building flanked by a large wooden shed.

In 1955, some kind of work was in progress; source cannot say whether it involved the construction of new buildings or the enlargement or modernization of the existing building.

Each of the other subsidiaries consists of a single, medium-sized building, one story high.

Production (known): Small electric motors for installation on various types of household electrical appliances (refrigerators, washers, etc.); and other types of motors, more powerful, for various purposes.

Since about 1950, the "subsidiaries" have been producing a special product for the Armed Forces.

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Manpower: [ ] about 40 workers are employed in

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Subsidiary No. 6b.

6c. Repair Shop of the "MEZ" Subsidiaries

[ ] this repair shop exists, [ ]

25X1

[ ] it is responsible for the maintenance and repair

25X1

of the equipment and machinery of the 3 "MEZ" subsidiaries mentioned above.

7, 7b, 7c, 7d. "TEPNA" Textile ~~Buildings~~ Mills  
mills

The ~~buildings~~ to be described below are old buildings, formerly the property of "Barton & Sons". They are subordinate to a single Directorate, which is located in the mill identified as No. 7 in attached Sketch No. 2, which is known as "TEPNA 1."

~~Headings~~

Miscellaneous Information on the "TEPNA" Textile Mills

"TEPNA 1" (No. 7 on sketch)

This is a complex consisting of several buildings, some of them old, others built since World War II.

Served by a ~~Railroad~~ spur.

Manpower: about 700.

Shifts: 2. There were 3 shifts up to 1954.

Electric power: from the municipal thermal-electric power station.

"TEPNA 2" (No. 7b on sketch)

A single 3-story building, dimensions uncertain but "large", flat roof.

Flanked by a brick chimney.

Manpower: about 400.

Shifts: 2.

Electric power: supplies its own, <sup>with a</sup> ~~small~~ small thermal-electric power plant on the premises.

"TEPNA 3" (No. 7c on sketch)

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Electric power: [ ] the factory has its own source of electric power.

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Subsidiary of "TEPNA 1" (No. 7d on <sup>g</sup>sketch)

This is a small <sup>prewar</sup> textile mill, whose activity is connected with that of "TEPNA 1". It is located in a single building of unknown dimensions.

Manpower: estimated at about 200.

25X1

Shifts: 2.

Equipment of the "TEPNA" Textile Mills and of the Subsidiary

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This equipment consists primarily of ~~obsolete~~ obsolete machinery. [ ]

[ ] ~~obsolete~~ a few modern machines of [ ] manufacture were acquired recently and have been installed.

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Activity: The "TEPNA" mills produce <sup>linen</sup> ~~both white and in colors~~, both white and in colors; and ~~clothing fabrics~~ clothing fabrics.

Destination of Production: Part of the production is consumed domestically, and part is exported to countries of the Soviet bloc.

## II. POWER

### 8. Thermal-Electric Power Plant

Location: in the "Plhov" section of the city, in the corner formed by two streets which go along different routes toward Cervený Kostelec.

25X1

Description: the complex consists of 2 or 3 buildings, several stories tall high, flanked by two ~~brick~~ brick chimneys, 103 and 80 meters high respectively.

The complex is served by a railroad spur [ ]

25X1

[ ] it branches off from the local freight station.

Capacity of machinery installed: [ ]

[ ] the power station supplies electric power as follows:

25X1

- industrial power, 380 volts
- power for lighting, 220 volts.

25X1

The power produced by the power station is <sup>,however,</sup> insufficient for the city's requirements. Up to 1953 the power supply was interrupted fairly frequently during the daytime.

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The amount of electric power necessary to cover this deficiency is now

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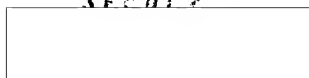
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supplied by another electric power station, with an old plant, in ~~the~~  
Trutnov (51-52/25-L).

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**SECRET***Attachment A*

25X1

Feb 55 A. Steel Mill

[redacted]

Name of the Factory: "TOS", ~~the~~ i.e., TOVARNA OPRAVETCH STROJU (Machine-tool Factory) in Hronov.

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Location: About 800 meters north of the <sup>local</sup> ~~main~~ railroad station.

The foundry is ~~also~~ outside the factory, about 2 kilometers north of the factory complex (see attached sketch No. 1).

25X1

General: The factory has been converted and enlarged, and new buildings have been built. It <sup>was</sup> ~~was~~ a German textile mill, known as the Hirsch mill, before World War II.

[redacted] the expansion and increase in capacity of the factory began around 1951. In the description which follows, the date of construction of each building will be indicated.

25X1

Dimensions of the area occupied and possibility of expansion: About 250 x 130 meters.

The factory complex is located in the suburbs. It is <sup>in an area</sup> open and expansion would be possible on the north and west sides.

On the south and east the factory borders on a highway and the Nachod—Police railroad line, respectively.

*Enclosure: metal fence*  
~~Fencing: Metal fence~~ supported by small concrete posts, except on the north side, <sup>enclosed</sup> ~~which is~~ surrounded by a wall about 2 meters high.

Ministry to which the factory is responsible: Ministry of Heavy Industry.

25X1

[redacted]

Foreign technicians: None.

Personnel: about 500 white- and blue-collar workers, including the foundry personnel. Not more than about 10 percent of the total labor force are women <sup>office</sup> ~~(white-collar)~~ workers, <sup>as well as those</sup> assigned to the paint shop, to the kitchen, and to the dining room).

Shifts: single shift, from 0600 to 1500, for white-collar workers and workers in the assembly shop; 3 shifts beginning at 0600 for machine operators and foundry workers.

25X1

-2-

25X1

During the shift a 30-minute break is given for lunch *or supper*.

the schedule calls for a 48-hour work week for all categories of workers (blue- and white-collar), with Saturday afternoon off.

25X1

*Overtime* ~~The normal length of the work week is~~ partially compensated by a bonus of unspecified nature, over and above the base pay.

#### Production:

- Zakruzovacka (machine for <sup>making pipe</sup> ~~the production of pipes~~)  
 - Vyrovnavacka (machine for flattening plate)  
 - Nuzky na plech (various types of shears for sheet metal), which may be divided into two categories:

a. for cutting sheet more than 5 millimeters thick (<sup>power</sup> ~~mechanical~~ shears), which are equipped with an electric motor of unknown capacity, which activates a "large"   wheel.

b. various types, both large *J* and smaller *J*, for cutting sheet up to 5 millimeters thick. These "shears" are operated manually by means of a lever.

- Hand presses (LIS): translation ~~unknown~~ not known)

these appear to be vices rather than presses, since,  they are tools used "to <sup>in place</sup> ~~hold~~ hold pieces firmly while they are being worked on" and "to <sup>stop</sup> ~~hold~~ tools ~~firmly~~."

25X1

Three types are manufactured, of various dimensions, which are distinguished in the factory by the markings ~~XXXXXX~~ "L.T.R.1", "L.T.R.2", and "L.T.R.3". The markings have no particular meaning.

Volume of production: not known.

Destination of production

- pipe-making machines: chiefly for export to the USSR  
 - Other products: an unknown proportion of these <sup>is</sup> ~~are~~ exported to the USSR. The remainder is used in the factory itself.

Source of raw materials: unknown.  the motors mounted on the machines produced by the TOS come from the MEZ Factory in

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Mohelnice, ~~in~~ Moravia.

(There are other factories manufacturing electric motors, which also are known as TOS, in other parts of Czechoslovakia).

25X1

Description of the Complex

(Note: the numbers which precede the descriptions of the individual buildings correspond to those used in attached Sketch No. 1: Detail of Target A.)

Administration offices

1. Forging, ~~and~~ and carpentry shops; storehouse for electrical materials, etc.

A building about 40 x 15 meters, with flat roof.

This is an old building which once belonged to the Hirsch Textile Mill.

- 1a. Brick chimney, about 40 meters high.

No longer in use.

2. Materials warehouse, not in use, and "greases" for lubrication of parts  
lean-to  
Building about 30 x 8 meters, with ~~single~~ roof.

An old building.

3. Transformer house

Masonry building, about 18 x 6 meters, 6-7 meters high, flat roof.

This is a small building up against the west wall of the factory, where an electric generator is installed. The building was built between the end of 1954 and the first few days of January 1955.

Before that time, transformers and generators were installed in a wooden shed at the same location.

The four transformers installed in the building were produced by the MEZ Enterprise.

They receive 20,000-volt current and transform it as follows:

- to 380 volts for the motors which ~~drive~~ <sup>drive</sup> the factory machinery;
- to 220 volts for lighting purposes.

The power is supplied by the thermal-electric power station in Trutnov (51-52/25-L), which has old buildings which were modernized and enlarged in 1950.

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The power generator, which is installed in the building <sup>adjacent</sup> ~~adjacent~~ to the transformer house, provides for the most urgent needs of the factory, and <sup>acts as</sup> ~~acts as~~ emergency generator, for a short time, in case the power received from the Trutnov power station is cut off.

#### Administration and Offices

#### 4. Production, assembly, and paint shops

A one-story building, L-shaped, consisting of a main "body" and a wing, which form a single combined internal space.

Its construction was completed in 1952, ~~at which time~~ and ~~which~~ the installation of the machinery began, ~~and~~ the enterprise began operation ~~immediately~~ afterward.

The building has the following specifications:

~~Section A (main body)~~

Main "body" (section A): about 60 x 40 meters x about 20 meters high; vaulted ceiling, with windows, on a steel frame.

"Wing" (section B): 60 x 30 meters by 12-14 meters high; same type of roof as main "body".

#### Equipment

##### Section A (main body)

- 2 lathes, trade mark FLORIP, of German manufacture, received in 1952 as war reparations. One, installed at point "x", is 20 meters ~~between~~ between centers. The other, installed at point "y", is 10 meters between centers.

The two lathes are used for the production of "axles" for the pine-making machines.  these machines are about 30 meters long and 6 meters high.

- 2 overhead cranes, with a carrying capacity of 10 tons each. They are installed on the long sides of the shop, as shown on the sketch. They can operate individually or coupled.

The assembly, painting, and packing of the machinery produced in the entire complex (Sections A and B) take place in this shop.

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The paint shop is located in one room("z") of the shop.

25X1

~~Section A~~  
Section B (wing)

- 12-14 lathes, size one and two meters between centers, of Czechoslovak manufacture, trade marks "Wolmann" and "C.Z."

- one 3-meter lathe (Wolmann)

- one 5-meter lathe (of US manufacture)

- two roughing machines (one of Czechoslovak and one of unknown manufacture)

- one polishing machine (German, old model)

- 3 gear-cutting machines (trade mark "TOS", made in 1953)

- 5 horizontal and vertical milling cutters, small size, of Czechoslovak manufacture

- 2 ~~horizontal~~ <sup>vertical lathes,</sup> old type, of German manufacture

- 5-6 horizontal drilling machines, some of them old German models,

the others late-model Czechoslovak machines

- one modern planer, operated hydraulically, 8-10 meters long, of recent Czechoslovak manufacture

- miscellaneous workbenches and tools

- 4 overhead cranes, with a carrying capacity of 5 tons each, installed in the shop in 1953.

The rooms where the Administration and the technical administration are located are in the "wing" of the building, partitioned off ("c" on sketch).

### 5. Heating Plant

One-story building, about 15 x 10 meters, with serrated lantern roof.

Built in 1953-1954. ~~constructed in 1953-1954~~

Provides ~~hot~~ hot-water heat to the entire complex.

6. L-shaped, one-story building, formerly a part of the ~~former~~ Hirsch textile mill.

Modernization was undertaken at the time of the conversion from a textile mill to a TOS.

It is only partially occupied.

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It has the following specifications: length, 80-90 meters; maximum width, 50-60 meters; minimum width, 30 meters.

The following services are located in the occupied part of the building, as indicated in attached Sketch No. 1:

- ~~factory~~ <sup>factory</sup> kitchen and ~~living~~ dining room
- machinery maintenance shop of the enterprise
- offices of the maintenance shop

no information concerning the equipment of the shop.

25X1

<sup>keeper's quarters</sup>  
7. Gate ~~guard~~ and guardhouse

A building about 8 x 6 meters.

#### Loading ~~Facilities~~ Equipment

#### 8. Overhead travelling crane on tracks

The installation of this crane was completed at the beginning of 1955.

It has a carrying capacity of more than 10 tons.

#### 9. Railroad spur

A spur branches off from the local railroad station, enters the factory and passes crosswise through from the south side, continues toward the north, ~~crosses~~ the main "body" of

#### ~~Building~~ Building No. 4.

After passing Building No. 4, two other tracks ~~branch~~ <sup>branch</sup> off from the spur and continue, parallel to the spur, as far as the ~~factory's heating~~ <sup>factory's heating</sup>

~~plant~~ plant (No. 5 on attached Sketch No. 1).

<sup>heating plant</sup>  
Coal dump for the ~~heating plant~~

The coal dump for the heating plant is out in the open, ~~in~~ in the open space between the tracks of the spur and in the space between the third track and the heating-plant building.

#### Entrances

There are three entrances:

- A - main entrance;
- B - railroad ~~spur~~ entrance;
- C - motor-vehicle entrance.

#### B. Foundry

Located about 2 kilometers from the factory, as shown on attached Sketch No 1.

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Description: The foundry is a building of old construction, which was enlarged and modernized in 1950-51. Dimensions, about 80 x 15 meters.

~~Two coal furnaces, old model, of unknown capacity,~~  
are installed in it.

A steel chimney of medium height rises above the roof.

### Electric power supply

The foundry has its own generator, which is operated by a 100-horsepower Diesel motor.

### Electric power for the factory

The electric power for the factory is received from the electric power plant at Trutnov, as mentioned in the description of the transformer house.

Factory's ~~transport equipment~~

~~The~~ All transportation of raw materials and finished products is done by rail.

The factory also has:

- 2 "HANOMAG" tractors, with Diesel engines, of German manufacture;
- one "PRAHA R.N." 3-ton truck, an old model;
- one "SKODA" automobile, of 1200 cubic centimeters piston displacement.

### Administrative Organization

most of the more valuable products of the complex are exported to the USSR, which "does not pay."

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### Trade-Union Organization

#### Dining Hall

Blue- and white-collar workers can eat <sup>in</sup> ~~together at~~ the factory ~~#~~ dining hall. Meals cost 2.70 crowns ~~each~~ each. The factory is responsible for ~~making~~ making up the discrepancy between the fixed price and the real cost of the meals.

### Protective Measures

#### Guard

Guard duty is the responsibility of a group of "industrial guards" (members of a corps similar to that of the "sworn guards"). The guards carry pistols.